



PROPOSED SIGNS

23, 24, 27
ONLY
R 3-5(L)
30" x 36"

28
SOUTH
MARYLAND
586
Shield Assem.
30" x 51"

29
NORTH
MARYLAND
586
Shield Assem.
48" x 75"

30, 33
(To Be Installed With Pushbutton) and to read (PUSH TO CROSS VEIRS MILL RD)

31, 32
(To Be Installed With Pushbutton) and to read (PUSH TO CROSS VEIRS MILL RD)

34
(To Be Installed With Pushbutton) and to read (PUSH TO CROSS MALL ENTR)

35
(To Be Installed With Pushbutton) and to read (PUSH TO CROSS MALL ENTR)

36
(To Be Installed With Pushbutton) and to read (PUSH TO CROSS DRIVEWAY)

37
(To Be Installed With Pushbutton) and to read (PUSH TO CROSS DRIVEWAY)

Install new I/C cable from Reddie Rd. to WMATA

RELOCATED SIGNS

25a
Veirs Mill
RD
<1100

25b
Veirs Mill
RD
<1100

26
Veirs Mill
RD
<1100

22
R 3-2 (MOD)
30" x 30"

- CONSTRUCTION DETAILS**
- A. Use existing base mounted cabinet/controller, and all attached equipment, update cabinet/controller with video camera detection equipment, new phasing, two new 4 in. PVC elbows, and APS Navigator Central Control Unit.
 - B. Install 27 ft. steel mast arm pole with 60 ft. mast arm, black faced vehicle signal heads, signs, video detection camera, countdown pedestrian signal heads, audible pedestrian pushbutton, pedestrian pushbutton sign, 15 ft. luminaire arm, 250 watt HPS luminaire, and route marker sign (Note: one 3 in. PVC conduit bend). Adjust pedestrian signal heads for route marker signs.
 - C. Install 27 ft. steel twin mast arm pole with a 38 ft. mast arms, black faced vehicle signal heads, signs, video detection camera, countdown Pedestrian signal heads, audible pedestrian pushbutton, and pedestrian pushbutton sign (Note: one 3 in. PVC conduit bend).
 - D. Install 27 ft. steel mast arm pole with a 50 ft. mast arms, black faced vehicle signal heads, video detection camera, countdown pedestrian signal heads, audible pedestrian pushbutton, pedestrian pushbutton sign, 15 ft. luminaire arm, 250 HPS luminaire, and route marker sign. Relocate existing sign. (Note: one 3 in. PVC conduit bend). Adjust pedestrian signal heads for route marker sign.
 - E. Install handhole.
 - F. Install 1 in. liquid tight flexible conduit for loop detector lead-in.
 - G. Install 2 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
 - H. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
 - J. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - bored in roadway.
 - K. Install 6 ft. x 6 ft. vehicle loop detector (4 turns).
 - L. Install 4 ft. steel pedestal pole with break away transformer base with audible pedestrian pushbutton and pedestrian button sign..
 - M. Use existing handhole.
 - N. Use existing conduit.
 - O. Remove existing Mast arm and all attached equipment
 - P. Remove existing handhole.
 - Q. Cap and abandon existing conduit.
 - R. Abandon existing loop detector.
 - S. Remove/Replace brick paver sidewalk.
 - T. Install 27 ft. steel mast arm pole with 60 ft., black faced vehicle signal heads, signs, countdown pedestrian signal heads, audible pedestrian pushbutton, pedestrian pushbutton sign, video detection camera. (Note 3 in. PVC conduit bend).
 - U. Tie existing conduit to new conduit and extend to new handhole.
 - V. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit- trenched.

GEOMETRIC LEGEND

— EXISTING GEOMETRICS

— PROPOSED GEOMETRICS

UTILITY LEGEND

— G — GAS MAIN

— W — WATER MAIN

— S — SEWER MAIN

— E — ELECTRIC CABLES

— D — STORM DRAIN

— A — AERIAL CABLES

— T — TELEPHONE CABLES

Wheaton Plaza
South Entrance

The Traffic Group

The Traffic Group, Inc.
410-931-6600
Fax 410-931-6601

REVISIONS

1	Modify geometrics for MD 586 SB double left turn.	June 14, 2004
2	S.H.A. No. 28000002	

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION

ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION

Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION

(Traffic Signal Plan)

MD 586 (Veirs Mill Road) at Wheaton Plaza South Entrance/WMATA

DRAWN BY: Carlos Buitrago

CHECKED BY: Farshad Bigdeli

SCALE: 1" = 20'

DATE: May 6, 1988

F.A.P. NO. N/A

S.H.A. NO. 2440-C

COUNTY: Montgomery

LOG MILE: IS058605.67

TS NO. 2440-C

T.I.M.S. NO. C-383

SHEET NO. 7 OF 8

ET-10931-1987-04/03 Data/Code File 10-03-Signals.dgn 6/16/2004